



*SUBSTITUTE SPECIFICATION OF  
10/638,420  
Clean Version*

**IMAGE FORMING APPARATUS WITH HEATER HAVING BIAS  
APPLYING PORTION SETTING BIAS BASED ON SHEET WIDTH**

**BACKGROUND OF THE INVENTION**

**Field of the Invention**

[0001] The present invention relates to an image forming apparatus having an image heating apparatus that is adapted to hold and convey a recording material that bears an image in a nip between a heating member and a pressurizing member, to at least one of which a bias is applied, so as to heat the image on the recording material.

**Related Background Art**

[0002] Conventionally, a heat fixing apparatus using a heating roller scheme and a heat fixing apparatus using a film heating scheme or the like have been adopted as heat fixing means serving as an image heating apparatus to be equipped in an image forming apparatus such as a copying machine, a printer, a facsimile machine or the like that uses, for example, an electrophotography process. The heat fixing apparatus using the heating roller scheme is of a contact heating type that has a good heat efficiency and a high degree of safety, while the heat fixing apparatus using the film heating scheme has a quick-start ability (or an on-demand ability) and it is an energy-saving apparatus that is not supplied with electric power during a stand-by state so that power consumption would be reduced as little as possible.

[0003] The heat fixing apparatus using the heating roller scheme has a rotating fixing roller serving as a heating member that is heated by a built-in heat source such as a halogen heater and controlled to a predetermined temperature and a rotating pressure roller serving as a pressurizing member that is in pressure contact with the fixing roller at a predetermined

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